

## WEST Search History

DATE: Tuesday, November 25, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	(ion near5 generat\$4) or ionizer	42169	L1
L2	electrode	1283371	L2
L3	l1 with l2	8188	L3
L4	l1 or (ion near5 precipitat\$4)	59229	L4
L5	l4 with l2	8515	L5
L6	l2 near5 collect\$4	46657	L6
L7	L6 same (air near5 flow)	456	L7
L8	l5 same L7	35	L8
L9	l5 and L7	95	L9
L10	l9 not l8	60	L10

END OF SEARCH HISTORY

## WEST Search History

DATE: Tuesday, November 25, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	(ion near5 generat\$4) or ionizer	42169	L1
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L6	l2 near5 collect\$4	46657	L6
L7	L6 same (air near5 flow)	456	L7
L8	l5 same L7	35	L8

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 35 of 35 returned.****1. Document ID: US 20030209420 A1**

L8: Entry 1 of 35

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030209420  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030209420 A1

TITLE: Electro-kinetic air transporter and conditioner devices with special detectors and indicators

PUBLICATION-DATE: November 13, 2003

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Punta Gorda	CA	US	
Lau, Shek Fai	Foster City	CA	US	
Parker, Andrew J	Novato	CA	US	
Christianson, Tristan M.	San Francisco	CA	US	
Snyder, Gregory S.	Novato	CA	US	
McKinney, Edward C. JR.	Novato	CA	US	

US-CL-CURRENT: 204/164; 422/186.04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

**2. Document ID: US 20030206840 A1**

L8: Entry 2 of 35

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030206840  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030206840 A1

TITLE: Electro-kinetic air transporter and conditioner device with enhanced housing configuration and enhanced anti-microorganism capability

PUBLICATION-DATE: November 6, 2003

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	
Parker, Andrew J.	Novato	CA	US	
Christianson, Tristan M.	San Francisco	CA	US	
Snyder, Gregory S.	Novato	CA	US	
McKinney, Edward C. JR.	San Francisco	CA	US	

US-CL-CURRENT: 422/186.04; 422/186.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

3. Document ID: US 20030206839 A1

L8: Entry 3 of 35

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030206839

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030206839 A1

TITLE: Electro-kinetic air transporter and conditioner device with enhanced anti-microorganism capability

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	
Parker, Andrew J.	Novato	CA	US	
Christianson, Tristan M.	San Francisco	CA	US	
Snyder, Gregory S.	Novato	CA	US	
McKinney, Edward C. JR.	San Rafael	CA	US	

US-CL-CURRENT: 422/186.04; 422/186.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

4. Document ID: US 20030206837 A1

L8: Entry 4 of 35

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030206837

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030206837 A1

TITLE: Electro-kinetic air transporter and conditioner device with enhanced maintenance features and enhanced anti-microorganism capability

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	
Parker, Andrew J.	Novato	CA	US	
Christianson, Tristan M.	San Francisco	CA	US	
Snyder, Gregory S.	Novato	CA	US	
McKinney, Edward C. JR.	San Rafael	CA	US	

US-CL-CURRENT: 422/186

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

**5. Document ID: US 20020155041 A1**

L8: Entry 5 of 35

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155041

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020155041 A1

TITLE: Electro-kinetic air transporter-conditioner with non-equidistant collector electrodes

PUBLICATION-DATE: October 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McKinney, Edward C. JR.	San Rafael	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**6. Document ID: US 20020150520 A1**

L8: Entry 6 of 35

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150520

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020150520 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced emitter electrode

PUBLICATION-DATE: October 17, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**7. Document ID: US 20020146356 A1**

L8: Entry 7 of 35

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146356

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020146356 A1

TITLE: Dual input and outlet electrostatic air transporter-conditioner

PUBLICATION-DATE: October 10, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sinaiko, Robert J.	San Francisco	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	San Francisco	CA	US	

US-CL-CURRENT: 422/186.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

## □ 8. Document ID: US 20020134665 A1

L8: Entry 8 of 35

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134665  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020134665 A1

TITLE: Electro-kinetic air transporter-conditioner devices with trailing electrode

PUBLICATION-DATE: September 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

## □ 9. Document ID: US 20020134664 A1

L8: Entry 9 of 35

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134664  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020134664 A1

TITLE: Electro-kinetic air transporter-conditioner devices with an upstream focus electrode

PUBLICATION-DATE: September 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

## □ 10. Document ID: US 20020127156 A1

L8: Entry 10 of 35

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127156 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced collector electrode

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)

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 11. Document ID: US 20020122752 A1

L8: Entry 11 of 35

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122752

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122752 A1

TITLE: Electro-kinetic air transporter-conditioner devices with interstitial electrode

PUBLICATION-DATE: September 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 422/186[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)

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 12. Document ID: US 20020122751 A1

L8: Entry 12 of 35

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122751

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122751 A1

TITLE: Electro-kinetic air transporter-conditioner devices with a enhanced collector electrode for collecting more particulate matter

PUBLICATION-DATE: September 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sinaiko, Robert J.	San Francisco	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 13. Document ID: US 6508982 B1

L8: Entry 13 of 35

File: USPT

Jan 21, 2003

US-PAT-NO: 6508982

DOCUMENT-IDENTIFIER: US 6508982 B1

TITLE: Air-cleaning apparatus and air-cleaning method

DATE-ISSUED: January 21, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shoji; Masami	Sendai			JP

US-CL-CURRENT: 422/22; 204/164, 204/176, 422/121, 422/186.04, 422/186.07, 422/5,  
96/60, 96/65, 96/69, 96/97[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 14. Document ID: US 6051832 A

L8: Entry 14 of 35

File: USPT

Apr 18, 2000

US-PAT-NO: 6051832

DOCUMENT-IDENTIFIER: US 6051832 A

TITLE: Drift chambers

DATE-ISSUED: April 18, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bradshaw; Robert Fagan Donat	Warminster			GB

US-CL-CURRENT: 250/286; 250/281[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 15. Document ID: US 5474599 A

L8: Entry 15 of 35

File: USPT

Dec 12, 1995

US-PAT-NO: 5474599

DOCUMENT-IDENTIFIER: US 5474599 A

TITLE: Apparatus for electrostatically cleaning particulates from air

DATE-ISSUED: December 12, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cheney, William A.	Cincinnati	OH		
Spurgin, Wendell P.	Cincinnati	OH		

US-CL-CURRENT: 96/55; 95/63, 95/78, 96/59, 96/66, 96/68, 96/99

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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16. Document ID: US 4597781 A

L8: Entry 16 of 35

File: USPT

Jul 1, 1986

US-PAT-NO: 4597781

DOCUMENT-IDENTIFIER: US 4597781 A

TITLE: Compact air purifier unit

DATE-ISSUED: July 1, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Spector, Donald	Union City	NJ	07087	

US-CL-CURRENT: 96/52; 55/467, 55/485, 55/487, 55/503, 55/505, 96/222, 96/57, D23/365

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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17. Document ID: US 4264343 A

L8: Entry 17 of 35

File: USPT

Apr 28, 1981

US-PAT-NO: 4264343

DOCUMENT-IDENTIFIER: US 4264343 A

TITLE: Electrostatic particle collecting apparatus

DATE-ISSUED: April 28, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Natarajan, Subbiah	Fenton	MO		
Paranjpe, Prabhakar D.	Creve Coeur	MO		

US-CL-CURRENT: 96/48; 361/230, 55/446, 96/232, 96/57, 96/62

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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**18. Document ID: US 4007024 A**

L8: Entry 18 of 35

File: USPT

Feb 8, 1977

US-PAT-NO: 4007024

DOCUMENT-IDENTIFIER: US 4007024 A

TITLE: Portable electrostatic air cleaner

DATE-ISSUED: February 8, 1977

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sallee; John P.	Nashville	TN		
Speight; Bill W.	Nashville	TN		
McLain; Bruce H.	Nashville	TN		

US-CL-CURRENT: 96/65; 96/58[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)**19. Document ID: US 3791579 A**

L8: Entry 19 of 35

File: USPT

Feb 12, 1974

US-PAT-NO: 3791579

DOCUMENT-IDENTIFIER: US 3791579 A

\*\* See image for Certificate of Correction \*\*

TITLE: ELECTROSTATIC PAINT SPRAY SYSTEM

DATE-ISSUED: February 12, 1974

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cowan; Philip L.	Morrisplains	NJ		

US-CL-CURRENT: 239/3; 118/621, 239/692, 310/308[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Reviews](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)**20. Document ID: US 3687368 A**

L8: Entry 20 of 35

File: USPT

Aug 29, 1972

US-PAT-NO: 3687368

DOCUMENT-IDENTIFIER: US 3687368 A

TITLE: VALVE UNIT FOR AIR TYPE ELECTROSTATIC SPRAY GUN

DATE-ISSUED: August 29, 1972

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Geberth, Jr.; John D.	West Paterson	NJ		

US-CL-CURRENT: [239/692](#); [239/297](#), [239/300](#), [239/416.2](#), [239/705](#)[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)**□ 21. Document ID: US 3651354 A**

L8: Entry 21 of 35

File: USPT

Mar 21, 1972

US-PAT-NO: 3651354

DOCUMENT-IDENTIFIER: US 3651354 A

TITLE: ELECTROGASDYNAMIC POWER GENERATION

DATE-ISSUED: March 21, 1972

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cowan; Philip L.	Basking Ridge	NJ	07920	

US-CL-CURRENT: [310/10](#)[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)**□ 22. Document ID: US 3645447 A**

L8: Entry 22 of 35

File: USPT

Feb 29, 1972

US-PAT-NO: 3645447

DOCUMENT-IDENTIFIER: US 3645447 A

\*\* See image for Certificate of Correction \*\*

TITLE: ELECTROSTATIC PAINT SPRAY SYSTEM

DATE-ISSUED: February 29, 1972

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cowan; Philip L.	Basking Ridge	NJ		

US-CL-CURRENT: [239/692](#)[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)**□ 23. Document ID: JP 11156233 A**

L8: Entry 23 of 35

File: JPAB

Jun 15, 1999

PUB-NO: JP411156233A

DOCUMENT-IDENTIFIER: JP 11156233 A

TITLE: AIR CLEANING DEVICE

PUBN-DATE: June 15, 1999

## INVENTOR-INFORMATION:

NAME  
HASHIMOTO, NOBUYUKI

COUNTRY

INT-CL (IPC): B03 C 3/02; B03 C 3/40; B03 C 3/41; B03 C 3/66; F24 F 7/00

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)

24. Document ID: JP 11076726 A

L8: Entry 24 of 35

File: JPAB

Mar 23, 1999

PUB-NO: JP411076726A  
DOCUMENT-IDENTIFIER: JP 11076726 A  
TITLE: FILTER REPLACEMENT WARNING DEVICE AND TONIC AIR CLEANER

PUBN-DATE: March 23, 1999

INVENTOR-INFORMATION:

NAME  
NAGASAKA, YUTAKA

COUNTRY

INT-CL (IPC): B01 D 46/42; B03 C 3/155; B03 C 3/40; F24 F 11/02

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)

25. Document ID: JP 10337495 A

L8: Entry 25 of 35

File: JPAB

Dec 22, 1998

PUB-NO: JP410337495A  
DOCUMENT-IDENTIFIER: JP 10337495 A  
TITLE: AIR CLEANER

PUBN-DATE: December 22, 1998

INVENTOR-INFORMATION:

NAME  
KAWABE, MASAAKI

COUNTRY

INT-CL (IPC): B03 C 3/43; B03 C 3/38

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)

26. Document ID: JP 08200762 A

L8: Entry 26 of 35

File: JPAB

Aug 6, 1996

PUB-NO: JP408200762A  
DOCUMENT-IDENTIFIER: JP 08200762 A  
TITLE: VENTILATING DEVICE

PUBN-DATE: August 6, 1996

INVENTOR-INFORMATION:

NAME COUNTRY  
KATO, SHOZO

INT-CL (IPC): F24 F 7/06

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMD](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)

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□ 27. Document ID: JP 08034229 A

L8: Entry 27 of 35

File: JPAB

Feb 6, 1996

PUB-NO: JP408034229A

DOCUMENT-IDENTIFIER: JP 08034229 A

TITLE: AIR PURIFIER

PUBN-DATE: February 6, 1996

INVENTOR-INFORMATION:

NAME COUNTRY  
HARA, SHINICHI  
KOMAGATA, YUKIHIRO  
OKUHARA, SHINJI

INT-CL (IPC): B60 H 3/06; B03 C 3/02; B03 C 3/41; B03 C 3/47

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMD](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)

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□ 28. Document ID: JP 04078455 A

L8: Entry 28 of 35

File: JPAB

Mar 12, 1992

PUB-NO: JP404078455A

DOCUMENT-IDENTIFIER: JP 04078455 A

TITLE: ELECTRIC AIR CLEANER

PUBN-DATE: March 12, 1992

INVENTOR-INFORMATION:

NAME COUNTRY  
SAITO, SHIGEKI  
SUGINUMA, ATSUSHI  
SAWADA, TAKASHI  
NINOMIYA, TAKAYUKI

US-CL-CURRENT: 96/97

INT-CL (IPC): B03C 3/02; B03C 3/47; B03C 3/62; B03C 3/64; B03C 3/66

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMD](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)

## 29. Document ID: JP 03274672 A

L8: Entry 29 of 35

File: JPAB

Dec 5, 1991

PUB-NO: JP403274672A  
DOCUMENT-IDENTIFIER: JP 03274672 A  
TITLE: SOLID ELECTROLYTE TYPE FUEL CELL

PUBN-DATE: December 5, 1991

## INVENTOR-INFORMATION:

NAME	COUNTRY
ISHIHARA, TAKESHI	
MISAWA, HIDENOBU	

INT-CL (IPC): H01M 8/02; H01M 8/12; H01M 8/24

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Clip Img](#) | [Image](#)

## 30. Document ID: JP 63051963 A

L8: Entry 30 of 35

File: JPAB

Mar 5, 1988

PUB-NO: JP363051963A  
DOCUMENT-IDENTIFIER: JP 63051963 A  
TITLE: ELECTRODE FOR DUST COLLECTOR

PUBN-DATE: March 5, 1988

## INVENTOR-INFORMATION:

NAME	COUNTRY
UMETSUBO, TOSHIAKI	
YOTSUI, TOSHIAKI	
OKAWA, HIDEO	

INT-CL (IPC): B03C 3/64

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

## 31. Document ID: JP 60183051 A

L8: Entry 31 of 35

File: JPAB

Sep 18, 1985

PUB-NO: JP360183051A  
DOCUMENT-IDENTIFIER: JP 60183051 A  
TITLE: ELECTROSTATIC AIR PURIFIER

PUBN-DATE: September 18, 1985

## INVENTOR-INFORMATION:

NAME  
OHARA, NAOYUKI  
KAYAMA, MASAAKI  
HIRAYAMA, YASUTAKA

COUNTRY

INT-CL (IPC) : B03C 3/60

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**32. Document ID: US 20020134664 A1**

L8: Entry 32 of 35

File: DWPI

Sep 26, 2002

DERWENT-ACC-NO: 2003-057761

DERWENT-WEEK: 200320

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Ion generator for electro-kinetic air transporter-conditioner, has focus electrode located upstream of shifter electrode to focus air flow towards collector electrode

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)**33. Document ID: US 6312507 B1**

L8: Entry 33 of 35

File: DWPI

Nov 6, 2001

DERWENT-ACC-NO: 2001-656337

DERWENT-WEEK: 200175

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Electro kinetic ionic air refreshener-conditioner for pet shelter and little box, comprises a housing having an ion generator to generate ozone and ionized air, attached to the animal container

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)**34. Document ID: WO 200025909 A1 AU 200016079 A US 6176977 B1 US**

20010004046 A1 EP 1135205 A1 CN 1331614 A JP 2002528260 W

L8: Entry 34 of 35

File: DWPI

May 11, 2000

DERWENT-ACC-NO: 2000-365445

DERWENT-WEEK: 200320

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Electro-kinetic air transporter-conditioner has an electrode assembly that comprises an array of electrically conductive rod-like and hollow electrodes coupled between output ports

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)**35. Document ID: JP 61223647 A**

L8: Entry 35 of 35

File: DWPI

Oct 4, 1986

DERWENT-ACC-NO: 1986-301806

DERWENT-WEEK: 198646

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Detecting di:sulphide in gas chromatography - by ionising di:sulphide in sample in flame of air-hydrogen mixt. in presence of electrode having alkali metal salt surface

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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**Terms**

**Documents**

15 same L7

35

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## WEST Search History

DATE: Tuesday, November 25, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	sinaiko-robert\$.in. or taylor-charles\$.in.	285	L1
L2	L1 and electrode	56	L2
L3	L2 and ion	38	L3

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 38 of 38 returned.** **1. Document ID: US 20030209420 A1**

L3: Entry 1 of 38

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030209420

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030209420 A1

TITLE: Electro-kinetic air transporter and conditioner devices with special detectors and indicators

PUBLICATION-DATE: November 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Punta Gorda	CA	US	
Lau, Shek Fai	Foster City	CA	US	
Parker, Andrew J	Novato	CA	US	
Christianson, Tristan M.	San Francisco	CA	US	
Snyder, Gregory S.	Novato	CA	US	
McKinney, Edward C. JR.	Novato	CA	US	

US-CL-CURRENT: 204/164; 422/186.04
[Full](#) | 
[Title](#) | 
[Citation](#) | 
[Front](#) | 
[Review](#) | 
[Classification](#) | 
[Date](#) | 
[Reference](#) | 
[Sequences](#) | 
[Attachments](#) | 
[Claims](#) | 
[KMC](#) | 
[Draw Desc](#) | 
[Image](#)
 **2. Document ID: US 20030206840 A1**

L3: Entry 2 of 38

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030206840

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030206840 A1

TITLE: Electro-kinetic air transporter and conditioner device with enhanced housing configuration and enhanced anti-microorganism capability

PUBLICATION-DATE: November 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	
Parker, Andrew J.	Novato	CA	US	
Christianson, Tristan M.	San Francisco	CA	US	
Snyder, Gregory S.	Novato	CA	US	
McKinney, Edward C. JR.	San Francisco	CA	US	

US-CL-CURRENT: 422/186.04; 422/186.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

### 3. Document ID: US 20030206839 A1

L3: Entry 3 of 38

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030206839

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030206839 A1

TITLE: Electro-kinetic air transporter and conditioner device with enhanced anti-microorganism capability

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	
Parker, Andrew J.	Novato	CA	US	
Christianson, Tristan M.	San Francisco	CA	US	
Snyder, Gregory S.	Novato	CA	US	
McKinney, Edward C. JR.	San Rafael	CA	US	

US-CL-CURRENT: 422/186.04; 422/186.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

| [KMC](#) | [Draw Desc](#) | [Image](#) |

### 4. Document ID: US 20030206837 A1

L3: Entry 4 of 38

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030206837

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030206837 A1

TITLE: Electro-kinetic air transporter and conditioner device with enhanced maintenance features and enhanced anti-microorganism capability

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	
Parker, Andrew J.	Novato	CA	US	
Christianson, Tristan M.	San Francisco	CA	US	
Snyder, Gregory S.	Novato	CA	US	
McKinney, Edward C. JR.	San Rafael	CA	US	

US-CL-CURRENT: 422/186

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

| [KMC](#) | [Draw Desc](#) | [Image](#) |

5. Document ID: US 20030192563 A1

L3: Entry 5 of 38

File: PGPB

Oct 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030192563  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030192563 A1

TITLE: Ion emitting brush

PUBLICATION-DATE: October 16, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Punta Gorda	FL	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 132/116[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 6. Document ID: US 20030165410 A1

L3: Entry 6 of 38

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030165410  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030165410 A1

TITLE: Personal air transporter-conditioner devices with anti -microorganism capability

PUBLICATION-DATE: September 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.04; 422/186.3[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 7. Document ID: US 20030159918 A1

L3: Entry 7 of 38

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030159918  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030159918 A1

TITLE: Apparatus for conditioning air with anti-microorganism capability

PUBLICATION-DATE: August 28, 2003

## INVENTOR-INFORMATION:

NAME <u>Taylor, Charles E.</u>	CITY Sebastopol	STATE CA	COUNTRY US	RULE-47
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US-CL-CURRENT: 204/164; 204/176, 422/186.07, 422/186.3[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**□ 8. Document ID: US 20030147786 A1**

L3: Entry 8 of 38

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147786  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030147786 A1

TITLE: Air transporter-conditioner device with tubular electrode configurations

PUBLICATION-DATE: August 7, 2003

## INVENTOR-INFORMATION:

NAME <u>Taylor, Charles E.</u>	CITY Sebastopol	STATE CA	COUNTRY US	RULE-47
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US-CL-CURRENT: 422/186.04; 204/164[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**□ 9. Document ID: US 20030147783 A1**

L3: Entry 9 of 38

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147783  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030147783 A1

TITLE: Apparatuses for conditioning air with means to extend exposure time to anti-microorganism lamp

PUBLICATION-DATE: August 7, 2003

## INVENTOR-INFORMATION:

NAME <u>Taylor, Charles E.</u>	CITY Sebastopol	STATE CA	COUNTRY US	RULE-47
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US-CL-CURRENT: 422/186.3; 422/186.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**□ 10. Document ID: US 20030072697 A1**

L3: Entry 10 of 38

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030072697  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030072697 A1

TITLE: Apparatus for conditioning air

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.07

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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11. Document ID: US 20020174876 A1

L3: Entry 11 of 38

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020174876

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020174876 A1

TITLE: Ion emitting grooming brush

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lau, Shek Fai</u>	Foster City	CA	US	

US-CL-CURRENT: 132/116

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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12. Document ID: US 20020155041 A1

L3: Entry 12 of 38

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155041

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020155041 A1

TITLE: Electro-kinetic air transporter-conditioner with non-equidistant collector electrodes

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>McKinney, Edward C. JR.</u>	San Rafael	CA	US	
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lee, Jim L.</u>	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

13. Document ID: US 20020150520 A1

L3: Entry 13 of 38

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150520

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020150520 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced emitter  
electrode

PUBLICATION-DATE: October 17, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 14. Document ID: US 20020146356 A1

L3: Entry 14 of 38

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146356

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020146356 A1

TITLE: Dual input and outlet electrostatic air transporter-conditioner

PUBLICATION-DATE: October 10, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sinaiko, Robert J.	San Francisco	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	San Francisco	CA	US	

US-CL-CURRENT: 422/186.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 15. Document ID: US 20020141218 A1

L3: Entry 15 of 38

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020141218

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020141218 A1

TITLE: Content addressable memory cell

PUBLICATION-DATE: October 3, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Foss, Richard	Kirkaldy Fife	TX	GB	
<u>Taylor, Charles</u>	Austin	TX	US	
Richardson, Curtis	Taylor		US	

US-CL-CURRENT: 365/49[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

## □ 16. Document ID: US 20020134665 A1

L3: Entry 16 of 38

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134665  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020134665 A1

TITLE: Electro-kinetic air transporter-conditioner devices with trailing electrode

PUBLICATION-DATE: September 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

## □ 17. Document ID: US 20020134664 A1

L3: Entry 17 of 38

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134664  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020134664 A1

TITLE: Electro-kinetic air transporter-conditioner devices with an upstream focus electrode

PUBLICATION-DATE: September 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

18. Document ID: US 20020127156 A1

L3: Entry 18 of 38

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127156 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced collector electrode

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 19. Document ID: US 20020122752 A1

L3: Entry 19 of 38

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122752

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122752 A1

TITLE: Electro-kinetic air transporter-conditioner devices with interstitial electrode

PUBLICATION-DATE: September 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 422/186[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 20. Document ID: US 20020122751 A1

L3: Entry 20 of 38

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122751

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122751 A1

TITLE: Electro-kinetic air transporter-conditioner devices with a enhanced collector electrode for collecting more particulate matter

PUBLICATION-DATE: September 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Sinaiko, Robert J.</u>	San Francisco	CA	US	
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	

US-CL-CURRENT: 422/186[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)**□ 21. Document ID: US 20020100488 A1**

L3: Entry 21 of 38

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020100488  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020100488 A1

TITLE: ION EMITTING GROOMING BRUSH

PUBLICATION-DATE: August 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lau, Shek Fai</u>	Foster City	CA	US	

US-CL-CURRENT: 132/271; 607/79[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)**□ 22. Document ID: US 20020098131 A1**

L3: Entry 22 of 38

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098131  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020098131 A1

TITLE: Electro-kinetic air transporter-conditioner device with enhanced cleaning features

PUBLICATION-DATE: July 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lau, Shek Fai</u>	Foster City	CA	US	

US-CL-CURRENT: 422/186.04; 204/164, 204/176, 422/186.07[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)**□ 23. Document ID: US 20020079212 A1**

L3: Entry 23 of 38

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020079212  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020079212 A1

TITLE: Electro-kinetic air transporter-conditioner

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 204/164; 204/176, 422/186.04, 422/186.07

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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24. Document ID: US 20010032544 A1

L3: Entry 24 of 38

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010032544  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010032544 A1

TITLE: Electro-kinetic ionic air refreshener-conditioner for pet shelter and litter box

PUBLICATION-DATE: October 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 96/19

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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25. Document ID: US 20010004046 A1

L3: Entry 25 of 38

File: PGPB

Jun 21, 2001

PGPUB-DOCUMENT-NUMBER: 20010004046  
PGPUB-FILING-TYPE: new-utility  
DOCUMENT-IDENTIFIER: US 20010004046 A1

TITLE: Electro-kinetic air transporter-conditioner

PUBLICATION-DATE: June 21, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 204/176; 422/186.07[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 26. Document ID: US 6632407 B1

L3: Entry 26 of 38

File: USPT

Oct 14, 2003

US-PAT-NO: 6632407

DOCUMENT-IDENTIFIER: US 6632407 B1

TITLE: Personal electro-kinetic air transporter-conditioner

DATE-ISSUED: October 14, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lau; Shek Fai	Foster City	CA		
Taylor; Charles E.	Sebastopol	CA		

US-CL-CURRENT: 422/186; 422/186.07, 422/186.1[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 27. Document ID: US 6588434 B2

L3: Entry 27 of 38

File: USPT

Jul 8, 2003

US-PAT-NO: 6588434

DOCUMENT-IDENTIFIER: US 6588434 B2

TITLE: Ion emitting grooming brush

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taylor; Charles E.	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 15/104.002, 607/79[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 28. Document ID: US 6585935 B1

L3: Entry 28 of 38

File: USPT

Jul 1, 2003

US-PAT-NO: 6585935

DOCUMENT-IDENTIFIER: US 6585935 B1

TITLE: Electro-kinetic ion emitting footwear sanitizer

DATE-ISSUED: July 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 422/29; 422/186.07[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 29. Document ID: US 6544485 B1

L3: Entry 29 of 38

File: USPT

Apr 8, 2003

US-PAT-NO: 6544485

DOCUMENT-IDENTIFIER: US 6544485 B1

TITLE: Electro-kinetic device with enhanced anti-microorganism capability

DATE-ISSUED: April 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		

US-CL-CURRENT: 422/186.04; 422/121, 422/186.12, 422/186.3[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 30. Document ID: US 6312507 B1

L3: Entry 30 of 38

File: USPT

Nov 6, 2001

US-PAT-NO: 6312507

DOCUMENT-IDENTIFIER: US 6312507 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Electro-kinetic ionic air refreshener-conditioner for pet shelter and litter box

DATE-ISSUED: November 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 96/19; 119/165, 119/420, 119/500, 422/120, 422/186.07, 422/186.1,  
422/5, 55/385.1, 95/3, 96/65, 96/77, 96/96, 96/97[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 31. Document ID: US 6182671 B1

L3: Entry 31 of 38

File: USPT

Feb 6, 2001

US-PAT-NO: 6182671

DOCUMENT-IDENTIFIER: US 6182671 B1

TITLE: Ion emitting grooming brush

DATE-ISSUED: February 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taylor; Charles E.	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 15/104.002, 607/79[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)**□ 32. Document ID: US 6176977 B1**

L3: Entry 32 of 38

File: USPT

Jan 23, 2001

US-PAT-NO: 6176977

DOCUMENT-IDENTIFIER: US 6176977 B1

TITLE: Electro-kinetic air transporter-conditioner

DATE-ISSUED: January 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taylor; Charles E.	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 204/176; 123/539, 132/272, 361/226, 361/230, 361/232, 422/186.07[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)**□ 33. Document ID: US 6163098 A**

L3: Entry 33 of 38

File: USPT

Dec 19, 2000

US-PAT-NO: 6163098

DOCUMENT-IDENTIFIER: US 6163098 A

TITLE: Electro-kinetic air refreshener-conditioner with optional night light

DATE-ISSUED: December 19, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taylor; Charles E.	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 310/308; 361/230, 361/235, 96/15, 96/26, 96/70, 96/95, 96/98

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Drawn Desc](#) | [Image](#)**□ 34. Document ID: US 6152146 A**

L3: Entry 34 of 38

File: USPT

Nov 28, 2000

US-PAT-NO: 6152146

DOCUMENT-IDENTIFIER: US 6152146 A

TITLE: Ion emitting grooming brush

DATE-ISSUED: November 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 607/79[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Drawn Desc](#) | [Image](#)**□ 35. Document ID: US 5975090 A**

L3: Entry 35 of 38

File: USPT

Nov 2, 1999

US-PAT-NO: 5975090

DOCUMENT-IDENTIFIER: US 5975090 A

TITLE: Ion emitting grooming brush

DATE-ISSUED: November 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 607/79[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Drawn Desc](#) | [Image](#)**□ 36. Document ID: US 4732808 A**

L3: Entry 36 of 38

File: USPT

Mar 22, 1988

US-PAT-NO: 4732808

DOCUMENT-IDENTIFIER: US 4732808 A

TITLE: Macromer reinforced pressure sensitive skin adhesive sheet material

DATE-ISSUED: March 22, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Krampe; Stephen E.	St. Paul	MN		
Moore; Cheryl L.	St. Paul	MN		
Taylor; Charles W.	St. Paul	MN		

US-CL-CURRENT: 428/355CN; 257/E21.347, 424/448, 427/208.4, 428/355AC, 428/356,  
523/111, 525/227, 602/15

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

## □ 37. Document ID: US 4693776 A

L3: Entry 37 of 38

File: USPT

Sep 15, 1987

US-PAT-NO: 4693776

DOCUMENT-IDENTIFIER: US 4693776 A

\*\* See image for Certificate of Correction \*\*

TITLE: Macromer reinforced pressure sensitive skin adhesive

DATE-ISSUED: September 15, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Krampe; Stephen E.	St. Paul	MN		
Moore; Cheryl L.	St. Paul	MN		
Taylor; Charles W.	St. Paul	MN		

US-CL-CURRENT: 156/327; 156/331.5, 156/332, 424/448, 427/208.4, 428/355AC,  
428/355CN, 428/356, 523/111, 525/227

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

## □ 38. Document ID: US 3996034 A

L3: Entry 38 of 38

File: USPT

Dec 7, 1976

US-PAT-NO: 3996034

DOCUMENT-IDENTIFIER: US 3996034 A

TITLE: Glass manufacturing apparatus and process

DATE-ISSUED: December 7, 1976

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taylor; Charles Ronald	St. Helens			EN
Buckley; Edward Albert	Rainhill			EN

US-CL-CURRENT: 65/60.4; 65/182.3, 65/374.12, 65/99.4

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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